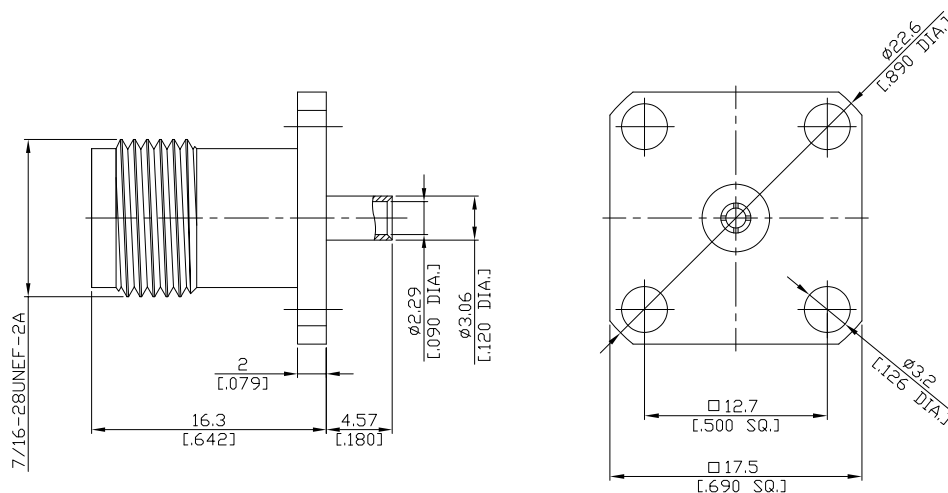




Precision TNC Jack (Female) Cable Connector  
4 Hole Flange For RSR085, RSF085, RG-405

PCT2EBF50-0085A/9Q



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

### Interface

According to IEC 60169-26

### Electrical Data

Impedance	50 $\Omega$
Frequency	DC to 18 GHz
VSWR (Return Loss)	DC to 15 GHz: $\leq 1.25$ ( $\geq 19.08$ dB)
Insertion Loss	DC to 3 GHz: $\leq 0.06 \times \sqrt{f}$ (GHz) dB
Working Voltage	500 Vrms (@ sea level)
RF Leakage	- (90 - f(GHz)) dB
Insulation Resistance	$\geq 5000$ M $\Omega$
Center Contact resistance	$\leq 1.5$ m $\Omega$
Outer Contact resistance	$\leq 1$ m $\Omega$

- Digressions are possible due to the used cable type and manufacturing process -

### Mechanical Data

Coupling mechanisms	Screw-lock
Mating cycles	$\geq 500$
Center contact	Plug-in
Cable entry	Soldered

### Environmental Data

Temperature range	-65°C to +165°C
RoHS	compliant
Thermal shock	MIL-STD-202, Method 107, Condition C
Moisture resistance	MIL-STD-202, Method 106
Corrosion	MIL-STD-202, Method 101, Condition B
Vibration	MIL-STD-202, Method 204, Condition B
Shock	MIL-STD-202, Method 213, Condition I

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## Material And Plating

Connector parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Stainless Steel	Gold plating(Nickel underplated)
Insulator	PTFE	

## Suitable Cables

RSR-085, RSF-085, RSF-085-FEP, UT 85, RG 405/U, RTK- FS 085, RTK- Flex 405, BELDEN 1671A

## Packing

Single or 100

## Related Document

Mounting Dimension MD41